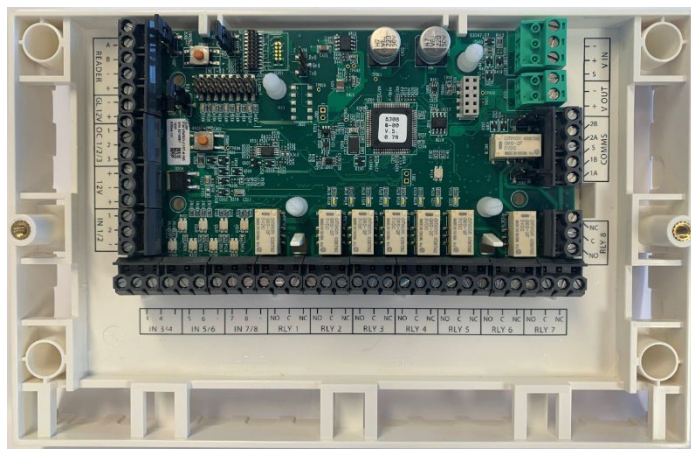


V54502-C164-A100

MFI -SiPass Multi-Function Interface



Overview:

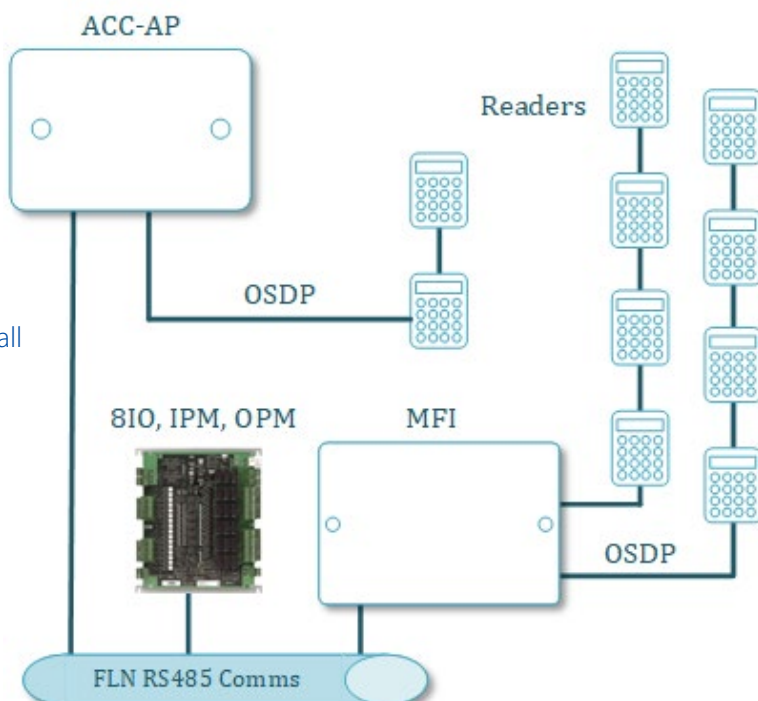
The MFI is a Multi-Function Interface module that can be configured as reader interface or IO (input and output) module. It provides an interface between an (ACC AP) and up to eight OSDP readers and four doors.

Features:

- Up to 8 OSDP Readers
- Up to 4 Doors
- With or without OSDP Encryption
- 8 Monitored inputs
- 8 Relay outputs, max load 30V
- 3 Open collector outputs, max load 0,5A
- LED's for displaying status of Inputs & Outputs
- Tamper detection for lid-removal and removal from wall
- Space in the enclosure for cable management
- Up to 4 MFI's connected to one ACC-AP

Benefits:

- FLN Downstream device
- Simplifies system planning
- Flat architecture
- Small footprint
- Cost-effective



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MFI -SiPass Multi-Function Interface

Technical data:

Dimensions (W x L x H)	239 x 156 x 53 mm
Weight	0,63 kg (0,75 kg incl. packaging)
Temperature Range	-40°C to +55°C
Power Supply	20 – 29 V DC 1 Vpp Ripple
Power Consumption	116 mA @ 24V DC: No relays activated, and no inputs connected to MFI. 183 mA @ 24V DC: All relays active, inputs double balanced. 193 mA @ 24V DC: All relays active, inputs current loop.
Inputs	Up to 8 Monitored inputs are used for Door position sensor inputs and REX inputs with MFI configured in Door Controller (RIM) mode. These 8 inputs can be used as general input points with MFI configured in input-output controller (I/O) mode.
Relay Outputs	8 relay outputs – Max 30 V DC, 2A
Open Collector Outputs	3 Open collector outputs – Max load 0,5A
Reader Connections	Supports maximum up to 8 OSDP Readers with OSDP V1 and OSDP V2 encryption.
Power Output	12V DC, max 500mA protected by firmware controlled e-fuse Can be used to connect readers or any other load, but restricted to 500mA overall current output. 24V DC, max 1500mA protected by firmware controlled e-fuse Can be used to connect readers or any other load, but restricted to 1500mA overall current output. 24V DC, max current restricted by MFI power supply capability Can be used for powering door locks. However, it is not suggested for powering readers as there is no firmware controlled fuse to detect over current draw.
Tamper Switch	Opening tamper switch and removal tamper switch
Environmental class	II

Ordering Information

Art. No.	Description	Weight
V54502-C164-A100	MFI – SiPass Multi Function Interface	0,750kg

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